CURRENT AND PENDING (OTHER) SUPPORT INFORMATION
Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person.

*NAME: Cecchetti, Ethan

*POSITION TITLE: Assistant Professor

*ORGANIZATION AND LOCATION: University of Wisconsin - Madison, Madison, Wisconsin, United States

Proposals/Active Projects

*Proposal/Active Project Title:	Collaborative Research: SHF: Medium: Foundations of Zero Knowledge Computation
*Status of Support:	Current
Proposal/Award Number:	2504579
*Source of Support:	National Science Foundation
*Primary Place of Performance:	University of Wisconsin - Madison
*Proposal/Active Project Start Date: (MM/YYYY):	07/2025
*Proposal/Active Project End Date: (MM/YYYY):	06/2028
*Total Anticipated Proposal/Project Amount:	$300,000

* Person Months per budget period Devoted to the Proposal/Active Project:

Year	Person Months
2026	0.1
2027	0.1
2028	0.11

*Overall Objectives: Designing programming language tools for building and analyzing applications making use of complex noninteractive zero-knowledge proofs. The work focuses on how those proofs integrate with larger systems and the complexities of implementing and safely integrating them within those systems.

*Statement of Potential Overlap: None

*Proposal/Active Project Title:	Collaborative Research: SHF: Empowering Choreographic Process Polymorphism [This Proposal]
*Status of Support:	Pending

Proposal/Award Number:

*Source of Support: National Science Foundation

*Primary Place of Performance: University of Wisconsin-Madison

*Proposal/Active Project Start Date: (MM/YYYY): 07/2026

*Proposal/Active Project End Date: (MM/YYYY): 06/2029

*Total Anticipated Proposal/Project Amount: $400,000

* Person Months per budget period Devoted to the Proposal/Active Project:

Year	Person Months
2027	0.5
2028	0.5
2029	0.5

*Overall Objectives: This project seeks to increase the expressivity of choreographic programming languages by expanding on process polymorphism. It discusses new choreographic primitives, efficient implementation, and new theory.

*Statement of Potential Overlap: None

*Proposal/Active Project Title: NSF Safe-OSE: Scalably Detecting Inconsistencies Between Git Commit Messages and Code in Open-source Projects

*Status of Support: Pending

Proposal/Award Number: 2533192

*Source of Support: National Science Foundation

*Primary Place of Performance: University of Wisconsin-Madison

*Proposal/Active Project Start Date: (MM/YYYY): 01/2026

*Proposal/Active Project End Date: (MM/YYYY): 12/2027

*Total Anticipated Proposal/Project Amount: $1,469,443

* Person Months per budget period Devoted to the Proposal/Active Project:

Year	Person Months
2026	1
2027	2

*Overall Objectives: This project develops a framework to improve the security of the gem5 repository. This

framework has two key objectives: (1) ensuring the commit messages from every push request are specific and consistent with the code update, and (2) ensuring that the pushed code does not contain known hardware vulnerabilities.

*Statement of Potential Overlap: None

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to current, pending, and other support (both foreign and domestic) as defined in 42 U.S.C. § 6605.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Cecchetti, Ethan in SciENcv on 2025-09-10 16:36:32